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DULUTH, MN.

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# Preliminary Assessment

EPA Region 5 Records Ctr.



374232



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

MN D980609903

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

Atkins Mine

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

SW 1/4 NW 1/4, Sec. 12, T. 58 N., R. 19 W.

03 CITY

Kinney

04 STATE

MN

05 ZIP CODE

55758

06 COUNTY

St. Louis

07 COUNTY CODE

137

08 CONG DIST

08

09 COORDINATES

LATITUDE

47° 31' 50"

LONGITUDE

92° 42' 00"

KINNEY, MN

10 DIRECTIONS TO SITE (Starting from nearest public road)

1 1/2 miles NORTHEAST OF KINNEY, MN

III. RESPONSIBLE PARTIES

01 OWNER (if known)

Inland Steel Mining Co.

02 STREET (Business, mailing, residential)

1701 No. 9th Ave., P.O. Box 1001

03 CITY

Virginia

04 STATE

MN

05 ZIP CODE

55792

06 TELEPHONE NUMBER

(218) 749-5910

07 OPERATOR (if known and different from owner)

Same as owner

08 STREET (Business, mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

( )

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL:

(Agency name)

☐ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: / /

MONTH DAY YEAR

☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 06/05/81

MONTH DAY YEAR

☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☐ YES

DATE

/ /

MONTH DAY YEAR

☒ NO

BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☐ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL

☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☐ A. ACTIVE

☒ B. INACTIVE

☐ C. UNKNOWN

03 YEARS OF OPERATION

1943

BEGINNING YEAR

1944

ENDING YEAR

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

SOLVENTS/LEADED WASTE GEAR LUBRICANT

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

GROUNDWATER CONTAMINATION (population)

V. PRIORITY ASSESSMENT

Potential Hazard: Low

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☒ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

Tim Musick

02 OF (Agency/Organization)

03 TELEPHONE NUMBER

( )

04 PERSON RESPONSIBLE FOR ASSESSMENT

TIM MUSICK

05 AGENCY

MPRA

06 ORGANIZATION

DULUTH

07 TELEPHONE NUMBER

(218) 723-4660

08 DATE

12/26/84

MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D980609903

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 447

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

RINNEY, MN - 1 1/2 MILES SOUTHWEST OF SITE; POPULATION: 447

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: unknown

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

No surface water intakes within 2 miles of site.

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: (Acres)

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

LEADED WASTE GEAR LUBRICATING GREASE AND USED SOLVENTS  
MIXED WITH WASTE ROCK MATERIAL & DEPOSITED IN  
"WASTE ROCK DUMP SITES" NEAR MINE OR SPECIFIC MINE DUMP.

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 447

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

See A- groundwater contamination

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE: )

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

MN D980609903

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

N/A

01 ☒ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

POTENTIAL LEACHATE SEEPAGE/GROUNDWATER CONTAMINATION

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

MIXED WITH WASTE ROCK IN WASTE ROCK DUMPS OR  
DEPOSITED AT A SPECIFIC MINE DUMPING LOCATION.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

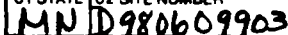
N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: 447

IV. COMMENTS

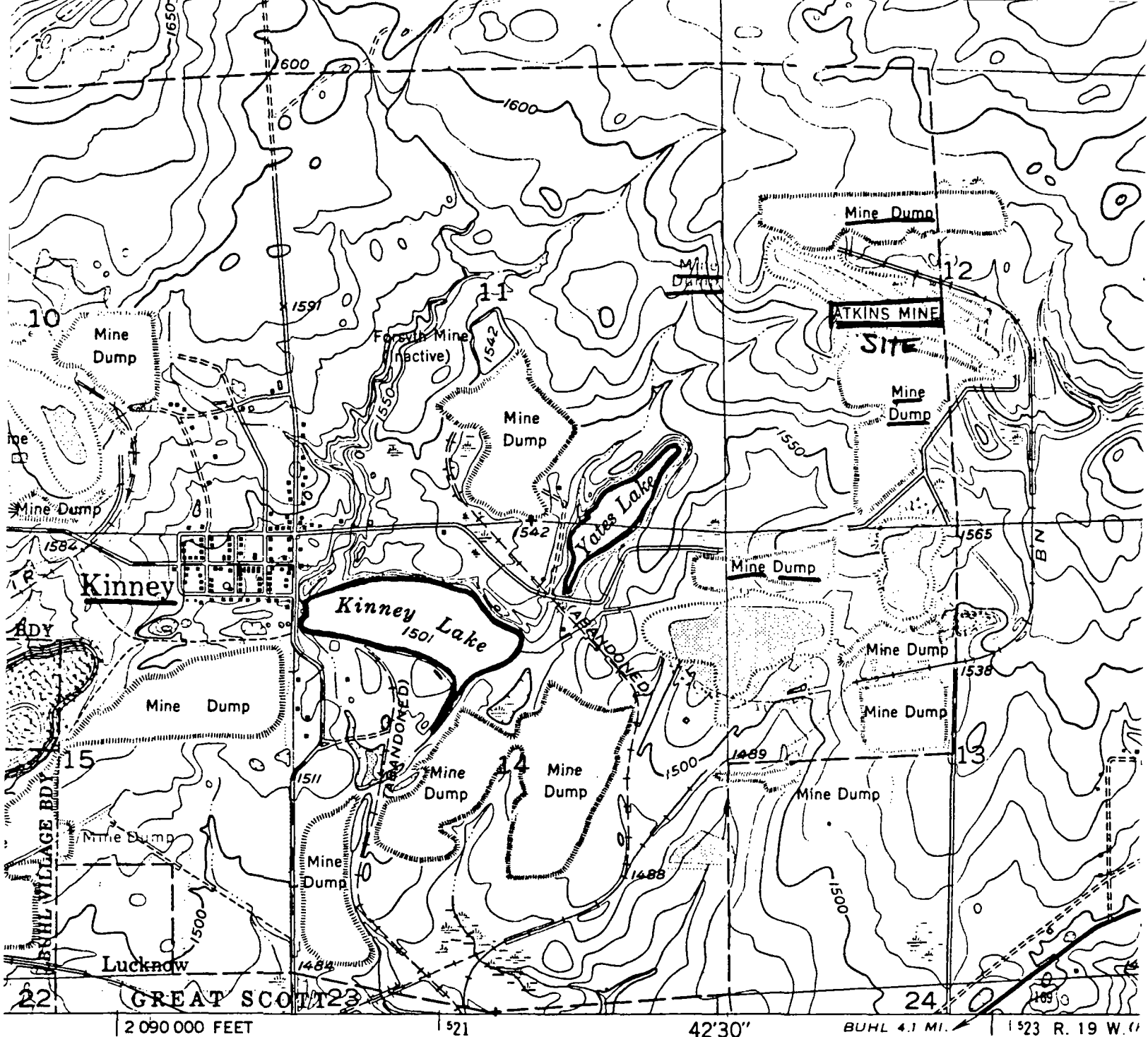
V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

MPCA files



POSSIBLY 1-2% LEAD / SOLVENTS

## EPA FORM 2070-12 (7-81)



and published by the Geological Survey

USC&amp;GS

al photographs by multiplex methods  
aken 1947. Field check 1951

1927 North American datum  
and on Minnesota coordinate system.

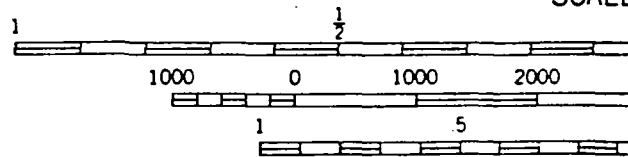
al Transverse Mercator grid ticks,  
ue

purple compiled from aerial photographs  
information not field checked

UTM GRID AND 1969 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NAT  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENV  
A FOLDER DESCRIBING TOPOGRAPHIC MAI

## SCALE



CONTOUR IN  
DATUM IS N



## Minnesota Pollution Control Agency

December 26, 1984

EXECUTIVE SUMMARY  
Atkins Mine  
MND980609903

### Situation

The Atkins Mine in Kinney, Minnesota operated in 1943 and 1944. Natural iron ore was mined from the site. It is not known if hazardous waste materials were generated from the mining operations. However, it is probable that used machine oil, e.g. crankcase oil, was disposed of onsite, but quantities and locations are not determinable.

There has been no report of the presence of contaminants in wells within a three mile radius.

### Inspection Priority Recommendation

Because of the short time the mine was in operation, problems arising from the Atkins Mine operations are not anticipated. However, low potential hazard is recorded in Part 1, V of the Preliminary Assessment because the town of Kinney is within one and one-half miles of the site. Thus, a low (pending) inspection priority is recorded in Part 1, V.01 of the Preliminary Assessment. However, this priority is subject to change should information that might be obtained in the future indicate.

Phone: \_\_\_\_\_

1935 West County Road B2, Roseville, Minnesota 55113-2785

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